



Weekly Epidemiological Report

Week 31: 29th July – 4th August, 2019

Highlight of the Week

Strong partnerships to prevent epidemics in Nigeria



The Nigeria Centre for Disease Control (NCDC) has a strong network of partners that support the agency in the delivery of its mandate to protect the health of Nigerians. Since 2017, NCDC has been collaborating with Resolve to Save Lives (RTSL), an initiative of Vital Strategies, to prevent epidemics in Nigeria. On the 5th of August 2019, the collaboration between NCDC and RTSL was formally launched in Abuja, Nigeria.

Since the collaboration began, RTSL has provided support to NCDC across five main areas:

1. Implementation of the World Bank Regional Disease Surveillance System Enhancement project
2. Development and implementation of the National Action Plan for Health Security (NAPHS)
3. Epidemic preparedness through:
 - a. Capacity building of mid-level NCDC technical staff on project management for epidemic preparedness
 - b. Provision of emergency revolving fund
4. Improvement of coordination of the national yellow fever and measles networks of laboratories
5. Public awareness and domestic resource mobilisation through advocacy

The formal launch of the collaboration also provided an opportunity for the President/CEO of RTSL, Dr. Tom Frieden to visit the NCDC Headquarters, National Reference Laboratory and Maitama District Hospital.

The visit provided the two institutions with an opportunity to reflect, consolidate on and redefine the working relationship that has led to strong outputs. The visit also enabled the two institutions to assess the existing relationship and agree on priorities in the coming years.

We remain grateful to RTSL for the support that has led to improved capacities at NCDC, and are committed to strengthening national and global health security.

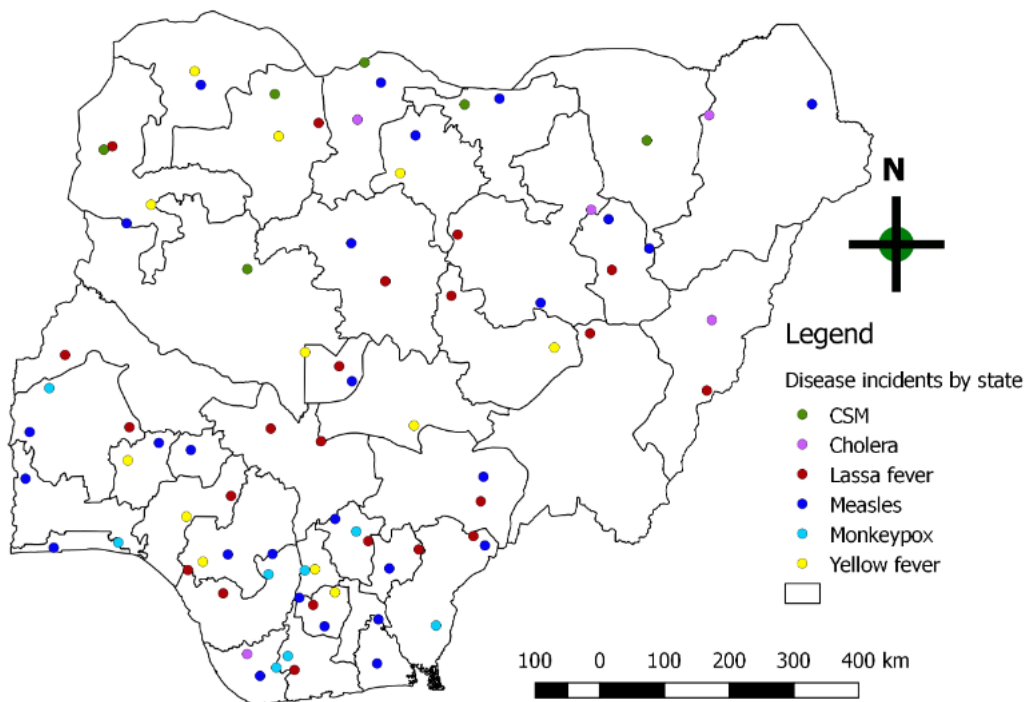
Summary of Incidents

Ongoing incidents

0

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated

Other incidents are those confirmed cases for which EOC is not activated



Data source: SITAware

Summary

Week 31: 29th July – 4th August, 2019

Lassa Fever^{1,2}	Cerebrospinal Meningitis (CSM)^{3,4}	Yellow Fever^{3,4}
93 Suspected cases	11 Suspected cases	62 Suspected cases
11 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
1 Death(s)	0 Death(s)	4 Death(s)
Cholera^{3,4}	Measles^{3,4}	Monkeypox^{1,4}
83 Suspected cases	470 Suspected cases	1 Suspected case
14 Confirmed cases	0 Confirmed cases	1 Confirmed cases
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)^{3,4}	National Sentinel influenza surveillance⁵	
122 Suspected cases	4 Suspected cases	
0 Confirmed Polio	1 Confirmed cases	

Timeliness of reports₃	Completeness of reports₃
85.2% Last 4 weeks	95.3% Last 4 weeks
88% Year to date	98% Year to date

Notes

1. Information for this disease was retrieved from the Technical Working Group and Situation Reports
2. Case Fatality Rate (CFR) for this disease is reported for confirmed cases only
3. Information for this disease was retrieved from IDSR 002 data
4. CFR for this disease is reported for total cases i.e. suspected + confirmed
5. Information for sentinel influenza was retrieved from the laboratory

Lassa Fever

Week 31

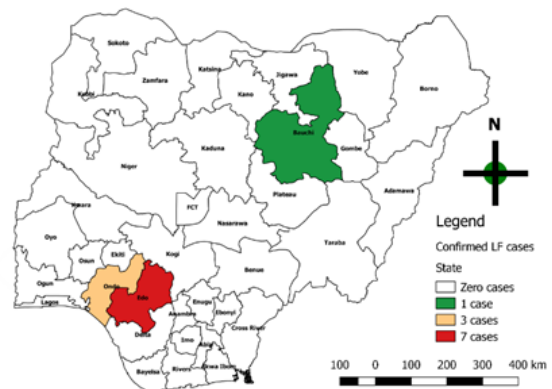
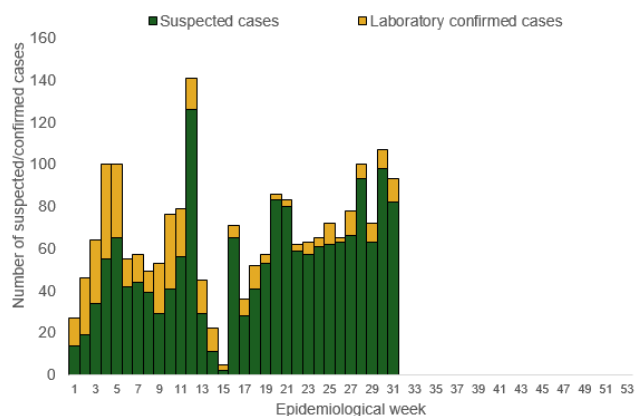
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
93	11	1	State: 11 + FCT LGA: 19

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2334	3303	481	651	123	145	25.6%	22.3%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 31, 2019

Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 31, 2019



Key points

- There were 93 suspected cases of Lassa Fever reported from 19 LGAs in 11 States and FCT (Edo – 50, Ondo – 20, Ebonyi – 7, Bauchi – 7, Nasarawa – 1, Plateau – 2, FCT – 1, Kwara – 1, Gombe – 1, Kano – 1, Delta – 1, Ogun - 1). There were 11 confirmed cases and one death was recorded.

Actions

To date:

- National LF multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Implementation of targeted risk communication and enhanced surveillance activities in affected states

Planned:

- States to complete After Action Review template
- Implementation of rodent control measures in hotspot LGAs (Phase 2)

Cerebrospinal Meningitis (CSM)

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
11	0	0	State: 6 LGA: 8

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4226	1526	318	101	353	74	8.4%	4.9%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 31, 2019

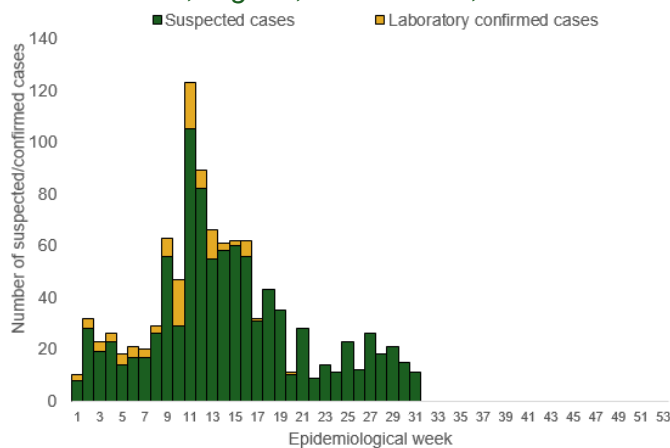
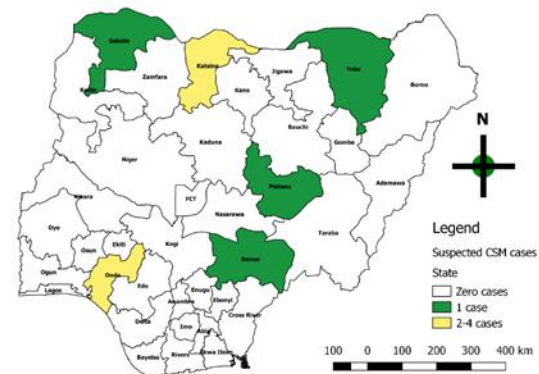


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 31, 2019



Key points

- There were 11 suspected cases of Cerebrospinal Meningitis reported from eight LGAs in six states (Benue – 1, Katsina – 4, Ondo – 3, Plateau – 1, Sokoto – 1, Yobe - 1). None was laboratory confirmed and no death was recorded.

Actions

To date:

- The National CSM TWG meets weekly to review reports from states and plan appropriately

Planned:

- Conduct After Action Review (AAR)

Yellow Fever

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
62	0	4	State: 16 + FCT LGA: 42

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
1562	1793	4	19	0	25	0%	0.9%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 31, 2019

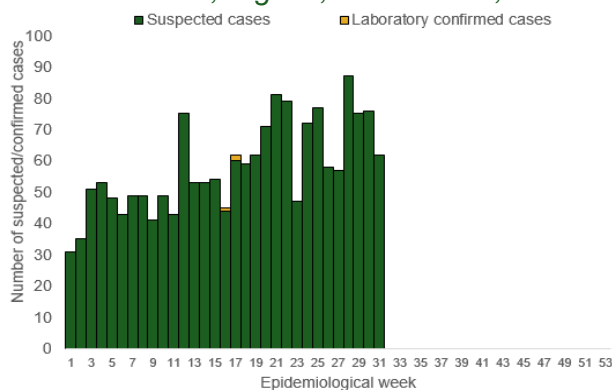
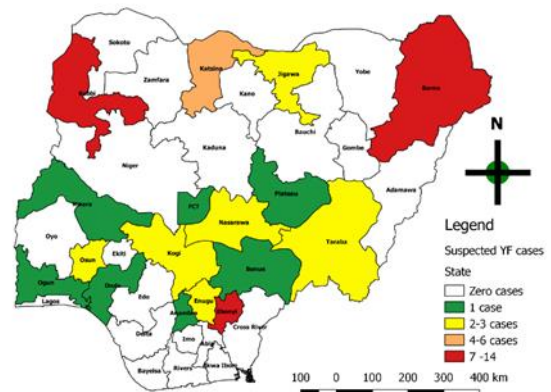


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 31, 2019



Key points

- There were 62 suspected cases of Yellow fever reported from 42 LGAs in 17 states (Anambra – 1, Benue – 1, Borno – 10, Ebonyi – 12, Enugu – 2, FCT – 1, Jigawa – 3, Katsina – 6, Kebbi – 14, Kogi – 2, Kwara – 1, Nasarawa – 2, Ogun – 1, Ondo – 1, Osun – 2, Plateau – 1 & Taraba - 2). None was laboratory confirmed and four deaths were recorded.

Actions

To date:

- The multi-agency YF TWG is coordinating national response activities
- The Ebonyi State Incident Coordination Centre is leading the outbreak investigation with support from the National team (NCDC and NPHCDA) and WHO

Planned:

- Production and distribution of Yellow Fever IEC materials to states
- Operationalisation of the three new laboratories added to the Yellow Fever Laboratory network
- Reactive vaccination campaign in Ebonyi led by National Primary Healthcare Development Agency (NPHCDA)

Cholera

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
83	14	0	State: 1 LGA: 3

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
24193	2175	455	190	492	38	2.0%	1.8%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 31, 2019

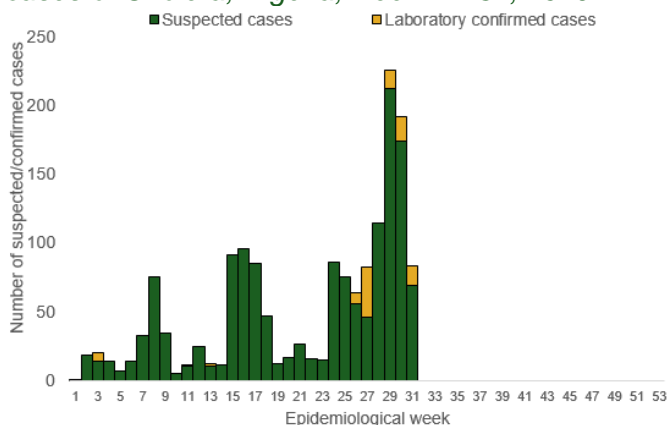
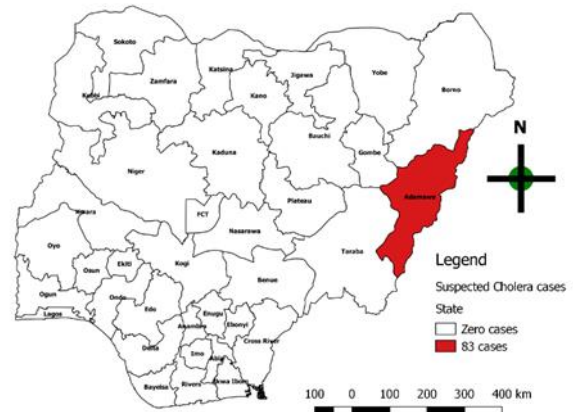


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 31, 2019



Key points

- There were 83 suspected cases of Cholera reported from three LGAs in Adamawa state. There were 14 laboratory confirmed cases and no death was recorded.

Actions

To date:

- The Cholera TWG continues to coordinate activities in states in collaboration with the Federal Ministry of Water Resources (FMWR) and support from partners
- Adamawa state EOC is leading the response to cases in the state

Planned:

- Follow up with states to ensure continued surveillance and early reporting
- Deploy a team to conduct an in-depth investigation in Adamawa state

Measles

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
470	0	0	State: 28 + FCT LGA: 136

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
13031	50241	15	1969	99	257	0.8%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 31, 2019

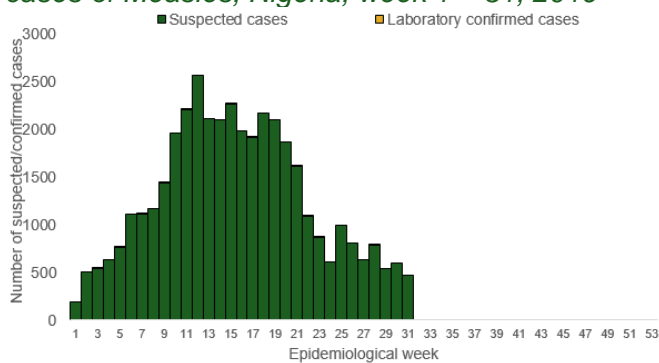
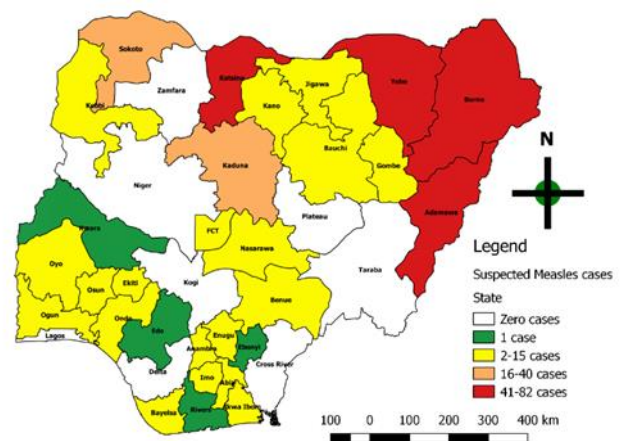


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 31, 2019



Key points

- There were 470 suspected cases of Measles reported from 136 LGAs in 28 States and FCT. None was laboratory confirmed and no death was recorded

Actions

To date:

- The multi-agency National Measles TWG is monitoring and coordinating response activities across the States
- Measles TWG is working closely with NPHCDA towards measles Supplemental Immunization Activity in the country

Planned:

- Review of measles surveillance data across the country
- Conduct After Action Review (AAR) and measles guideline review meeting

Monkeypox

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1	1	0	State: 1 LGA: 1

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
62	62	29	35	1	2	1.6%	3.2%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–31, 2019

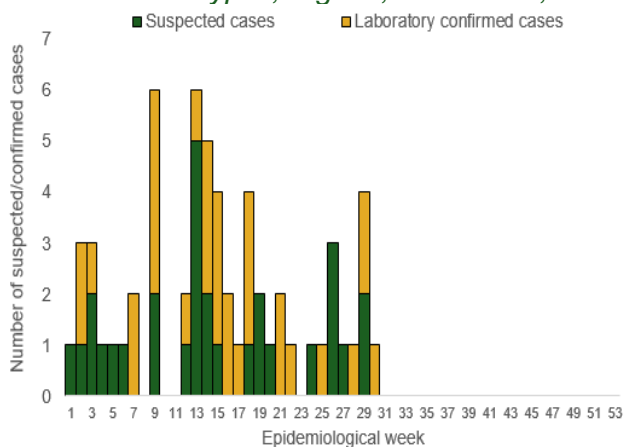
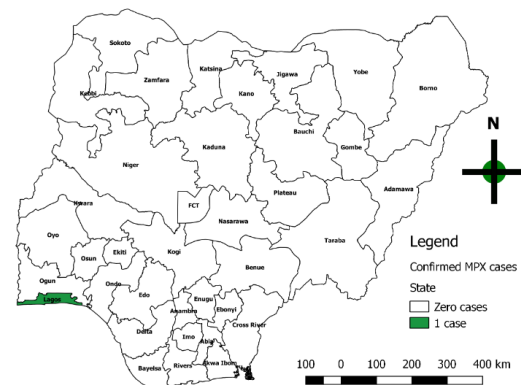


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 31, 2019



Key points

- There was one suspected case of Monkeypox reported from Ojo LGA, Lagos State. Only one case was confirmed and no death was recorded.

Actions

To date:

- The monkeypox TWG is monitoring and coordinating response activities across the states
- Surveillance has been enhanced in all affected states
- Offsite support given to affected states

Planned:

- Supportive supervision to non-reporting states in North-Central, South-East, South-West and South-South Zones

Acute Flaccid Paralysis (AFP)

Week 31

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
122	0	0	State: 28 + FCT LGA: 103

Year to date (week 1 – 31)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
5164	4151	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 31, 2019

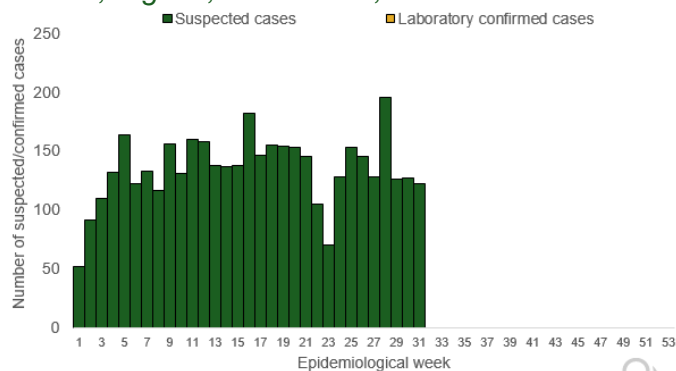
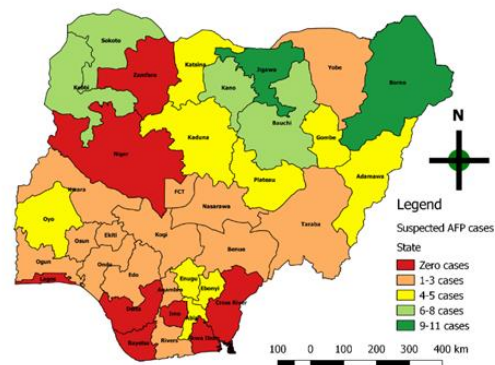


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 31, 2019



Key points

- In the reporting week, 122 suspected cases of AFP were reported from 103 LGAs in 28 states and FCT

Actions

Planned:

- Complete documentation by the states on polio certification and presentation to National Committee on Certification for review from 5th – 9th August 2019

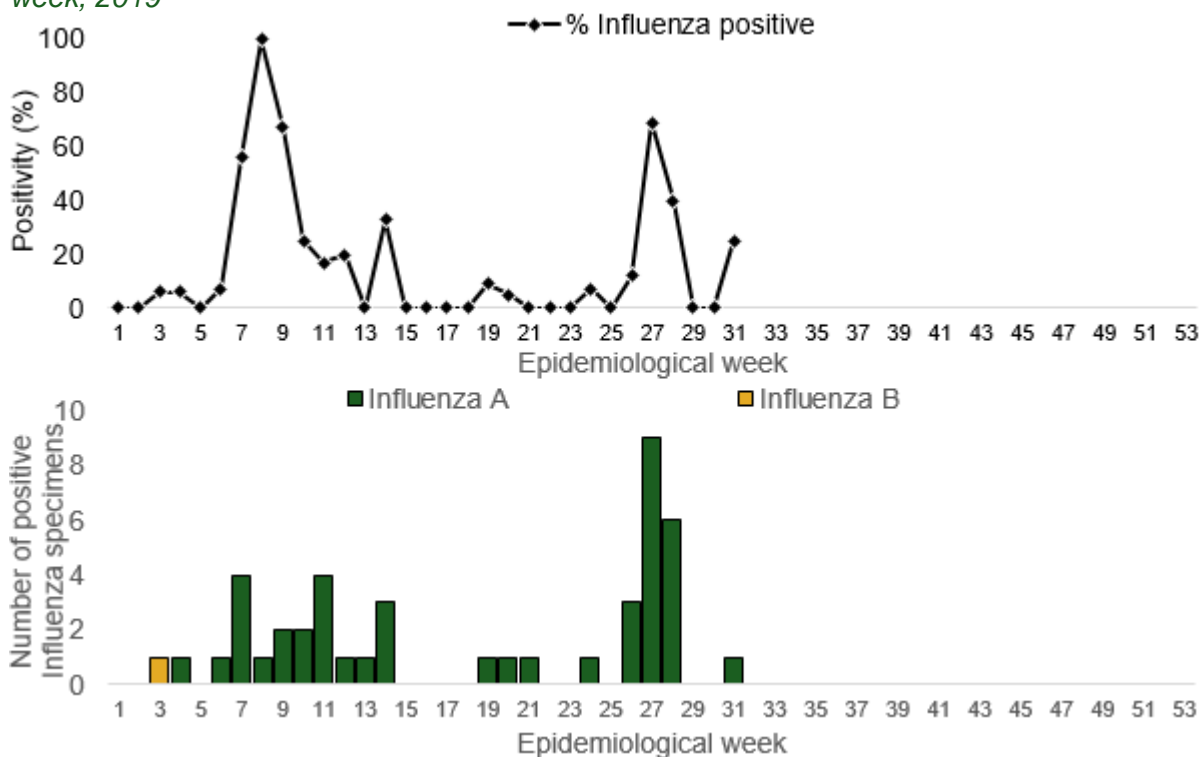
National Influenza Sentinel Surveillance

Year to date (week 1 – 31)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	306	277 (90.5%)	29 (9.5%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	44	1	40	1	4	0
Positivity (%)	14.4%	0.4%	14.4%	0.4%	14.8%	0%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2019



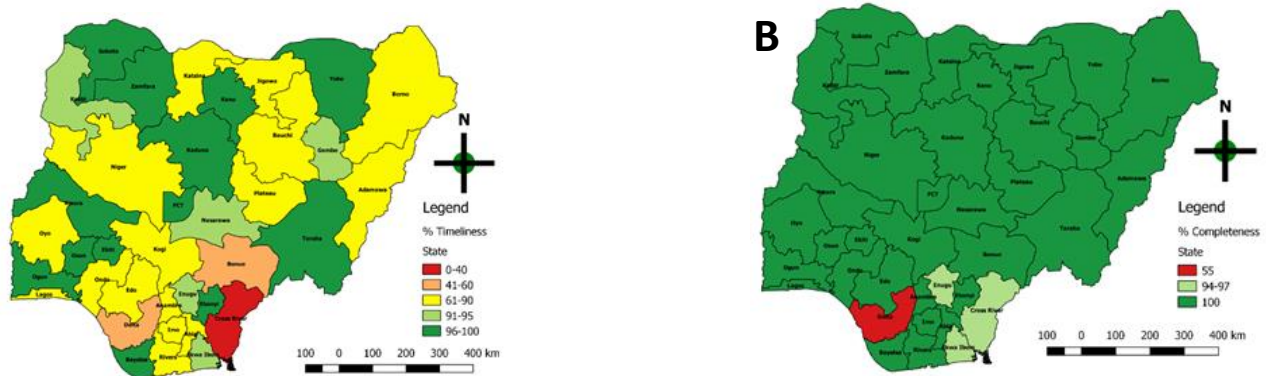
Key points

- There was a positive case of Influenza subtype A&B (2.2%)
- The percentage influenza positive was highest (66.7%) in week 27

Timeliness and Completeness of Reports

Last 4 weeks (week 28 - 31, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 28 – 31, 2019



Number of reports received on time, late or not received, the percentage timeliness and completeness, in the last 4 weeks and year to date

Nigeria Total Reports	Last 4 weeks	Year to date
	Week 28 – 31	Week 1- 31
Reports sent on time	126	1014
Reports sent late	15	115
Reports not received	7	18
Timeliness	85.2%	88%
Completeness	95.3%	98%

States with reports not received in 2019 (week 1 – 31)

State	Week(s) report not received
Akwa Ibom	30
Cross River	30, 31
Delta	8, 10, 12, 20, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31
Enugu	30

Timeliness and Completeness of Reports by State

Year to date (week 1 – 31)

State	Timeliness (%)	Completeness (%)
Abia	84	100
Adamawa	87	100
Akwa Ibom	94	97
Anambra	90	100
Bauchi	90	100
Bayelsa	100	100
Benue	48	100
Borno	90	100
Cross River	39	94
Delta	52	55
Ebonyi	97	100
Edo	87	100
Ekiti	100	100
Enugu	94	97
FCT	100	100
Gombe	94	100
Imo	90	100
Jigawa	74	100
Kaduna	97	100
Kano	100	100
Katsina	87	100
Kebbi	94	100
Kogi	87	100
Kwara	97	100
Lagos	81	100
Nasarawa	94	100
Niger	87	100
Ogun	97	100
Ondo	74	100
Osun	100	100
Oyo	90	100
Plateau	90	100
Rivers	90	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	97	100